IN THE CLAIMS:

1. (Currently Amended) A method of self-aligning connections for a two section mast, which method comprises:

transporting an elongated bottom mast section to a guide frame adjacent to a well site, said bottom mast section having a pair of front legs and a pair of rear legs so that said bottom mast section is in a substantially horizontal orientation;

thereafter transporting an elongated top mast section to said well site so that said top mast section is in a substantially horizontal orientation and so that said mast sections are substantially aligned lengthwise, said top mast section having a pair of front legs and a pair of rear legs;

positioning said legs of said bottom mast section slightly below a level of said legs of said top mast section;

raising said bottom mast section; and

simultaneously engaging and guiding ~~aligning~~ the mast sections together in ~~the~~ a final connecting orientation.

2. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said bottom mast section is raised by cylinders on mast stands.

3. (Original) A method of self-aligning connections as set forth in Claim 2 wherein said cylinders are powered by a rig hydraulic system.

4. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said legs of said bottom mast section are positioned slightly below a level of said legs of said top mast section by lowering said bottom mast section before said raising step.

5. (Original) A method of self-aligning connections as set forth in Claim 1 including the additional step of pinning said top mast section to said bottom mast section.

6. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said bottom mast section and said top mast section are each transported on a vehicle in a horizontal orientation prior to a vertical use orientation.

7. (Original) A method of self-aligning connections as set forth in Claim1 wherein said legs of said bottom mast section are positioned by cylinders on said mast stands.

8. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said pair of top mast front legs each include a pair of protruding circular plates which engage and align with said pair of bottom mast front legs which each include an alignment jaw with a pair of hooks.

9. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said pair of top mast rear legs each include a jaw with a shoulder which engage and align with said pair of bottom mast rear legs which each include a jaw with protruding semi-circular plates.

10. (Original) A method of self-aligning connections as set forth in Claim 9 wherein each said shoulder includes a radial face to receive said circular plates.

11. (Original) A method of self-aligning connections as set forth in Claim 1 wherein said steps are performed in reverse order to disassemble said two section mast.

12. (Currently Amended) A two section mast with self-aligning connections, which mast comprises:

an elongated bottom mast section having a pair of front legs and a pair of rear legs arranged in a substantially horizontal arrangement;

an elongated top mast section having a pair of front legs and a pair of rear legs arranged in a substantially horizontal arrangement wherein said mast sections are substantially aligned lengthwise;

means to simultaneously engage and guide the mast sections together including a self-aligning connection between said mast sections wherein said pair of top mast front legs each include a pair of protruding circular plates, each said pair of plates engage and align with a jaw with a pair of hooks extending from each said bottom mast front leg and wherein said pair of top mast rear legs each include a jaw with a shoulder, each said jaw engaging and aligning with a jaw with protruding semi-circular plates extending from each bottom mast rear leg; and

at least one hydraulic cylinder on a mast stand to move said legs of said bottom section from a position slightly below a level of said legs of said top mast section to an engaged position in which the mast sections are in a ~~the~~ final connecting orientation.

13. (Canceled)

14. (Original) A two section mast as set forth in Claim 12 including a pin passing through each said jaw of said bottom mast front legs and through each said pair of protruding circular plates of said top mast front legs.

15. (Original) A two section mast as set forth in Claim 12 including a pin passing through each said jaw with a shoulder of said top mast rear legs and through each said jaw with protruding semi-circular plates of said bottom mast rear legs.